

IN THE SPECIFICATION

Please amend the paragraph beginning at page 6, line 19 as follows:

B1
FIGS. 1A and 1B show a typical SGDBR laser illustrating the four sections that allow its unique tuning characteristics. The laser 100 is comprised of a gain section 102, a phase section 104, a first or front mirror ~~108106~~ and a second or back mirror ~~106108~~. Preferably disposed below these sections is a waveguide 110 for guiding and reflecting the light beam, while the entire device is formed on a substrate 112. In use, generally bias voltages are connected to electrodes 114 on the top of the device and a ground is connected to a lower substrate 112. When a bias voltage on the gain section 102 is above a lasing threshold, a laser output is produced from an active region 116.

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